SEE FIG. 4 FOR TAIL LIGHT BRACKET INSTALLATION (ON 40622-7 ONLY)

53½ · 41¾ · 30 · 10½ · 7½

¼ HOLE (IN 40622-7 ONLY)

40562-7

40562-6

40562-5

40562-8

(-2) TRAILING EDGE TUBE

(-3) RUDDER POST

(-6) SUB-ASSY

SEE FIG. 2

SEE FIG. 3

SEE FIG. 1

SEE NOTE 1

SEE NOTE 2

11⅞ R.

31 9/16 R.

10 R.

22 5/8 R.

(-5) BRACE

SEE TABLE

10384 (ON 40622 ONLY)

12651 (ON 40622-7 ONLY)

81761-6

12⅛ · 17 · 19¾ · 4⅞ · 18¼ · 20¼ · 3 · 7 · 6 · 34 · 1 9/16 · 3 3/16 · 3/16 · 16

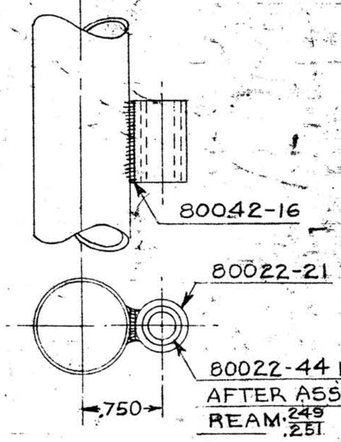


FIG. 3
HINGE ATTACH. DETAIL
FULL SIZE

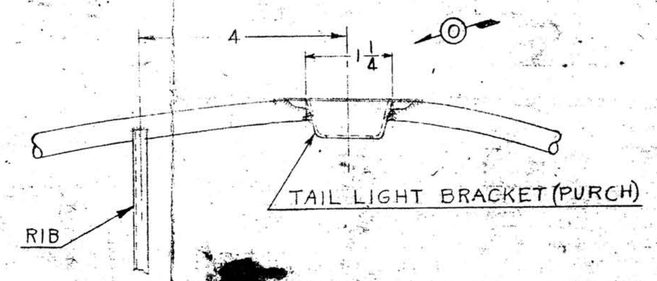


FIG. 4
LIGHT BRACKET INST.
(ON 40622-7 ONLY)
6 IN. = 1 FT.

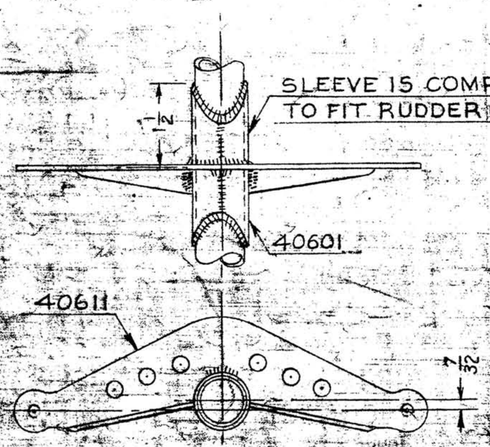


FIG. 1
HORN ATTACH. DETAIL
6 IN. = 1 FT.

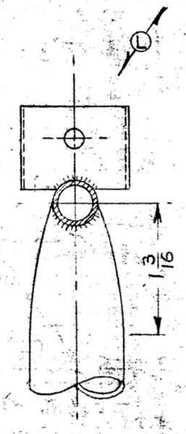


FIG. 2
RUDDER POST TO TRAILING EDGE ATTACHMENT
FULL SIZE

NOTES:
1. HINGE CENTERS TO COINCIDE WITH RELATED PARTS ON FIN AND FUSELAGE.
2. BOTTOM END OF RUDDER POST SWAGED .781/.791 FOR A DISTANCE OF 2 IN. TO PROVIDE PROPER FITTING FOR RUDDER MAST.
3. MAGNETIC INSPECTION REQUIRED

JUN 28 1957

| ASSY. NO. | RIB NO. | REMARKS |
|---|---|---|
| 40622 | 40562-9 | SHOWN (WITH TAIL LIGHT BRACKET 10384) |
| 40622-7 | 40562-21 | WITH GRIMES #A-3456 TAIL LIGHT BRACKET & ANTENNA MAST BRACKET 12651 |
| 40622-8 | 40562-21 | SAME AS 40622 EXCEPT TAIL BRACKET 10384 OMITTED |

| LET | REVISION | DATE | BY |
|---|---|---|---|
| Q | 40562-21 W/S 40549 ON -7 & -8 | 2-15-50 | C.K. |
| P | NOTE 3 ADDED | 9-26-51 | I.F.M. |
| O | 1¼ WAS 1 7/16 | 6-6-50 | C.K. |
| N | -8 ADDED | 12-15-49 | K.D. |
| M | FIG. 4 - 7 & 12651 ADDED | 8-31-49 | C.K. |
| L | VIEW OF 10384 REVISED | 7-18-46 | P.C. |
| K | #18GA WIRE REM. | 7-9-46 | C.F.K. |
| J | RE-DRAWN & REVISED | 3-29-46 | C.F.K. |

THIS DRAWING IS THE PROPERTY OF THE PIPER AIRCRAFT CORP. AND ITS POSSESSION BY UNAUTHORIZED PERSONS SHALL NOT BE CONSTRUED AS PERMISSION TO REPRODUCE FOR SALE, IN WHOLE OR IN PART, ANY DEVICES SHOWN THEREON

| MODEL | PER PLANE | NEXT ASSEMBLY | SUPERSEDES | SUP. BY |
|---|---|---|---|---|
| 150 | | | | |

PIPER AIRCRAFT CORP.
LOCK HAVEN, PENNA.

| QUANTITY | REQ'D | | |
|---|---|---|---|
| DRAWN | CHECKED | ENGINEER | STANDARDS |
| 3-29-46 | 3-29-46 | | |

40622

| PART NO. | NO. REQ. | SIZE | DESCRIPTION |
|---|---|---|---|
| | | MATERIAL | |
| SCALE 3 IN. = 1 FT. & NOTED | | TOTAL WT. - LBS. | |
| FINISH - PIPER SPECIFICATION #10 | | | |
| MANUFACTURING PRACTICES - PIPER SPECIFICATION #2 | | | |

RUDDER ASSEMBLY

| | | | |
|---|---|---|---|
| 40562-21 | 1 | RIBS (USED ON 40622-7 & 40622-8 ONLY) | |
| 12651 | 1 | ANTENNA MAST BRKT (ON 40622-7 ONLY) | |
| 84511 | DWG. REF. ONLY | CHANNEL SECTION | |
| — | 1 | TAIL LIGHT BRACKET A-3456 PURCH. GRIMES MFG. CO. | (-7 & 40622-7 ONLY) |
| 81761-6 | 1 | BRACE, ROD | |
| 80042-16 | 2 | PLATE | |
| 80022-44 | 2 | BUSHINGS | |
| 80022-21 | 2 | | |
| 40611 | 1 | HORN | |
| 40601 | 1 | SLEEVE | |
| 40562-9 | 1 | RIBS (USED ON 40622 ONLY) | |
| 40562-8 | 1 | RIBS | |
| 40562-7 | 1 | | |
| 40562-6 | 1 | | |
| 40562-5 | 1 | | |
| 10384 | 1 | TAIL LIGHT BRACKET (ON 40622 ONLY) | |
| -6 | 1 | CONSISTS OF -5 & 40562-21 | |
| -5 | 1 | 10 LONG | PIPER SPEC. NO. 1025 |
| 4 | | 3/32 DIA. | WELD ROD |
| -3 | 1 | 7/8 x .035 x 53 5/16 | #1025 STEEL TUBE |
| -2 | 1 | 3/8 x .028 x 94 1/2 | #1025 STEEL TUBE |